



JPW

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

(Case No. 100.002.6)

In the Application of: **PRINCE**

Serial No: **10/808,693**

Filed: **March 25, 2004**

Title: **METHOD AND APPARATUS FOR MAGNETIC
RESONANCE IMAGING USING CONTRAST AGENTS**

) Group Art Unit: **3737**

)

) Examiner:

)

)

)

)

)

I hereby certify that this
correspondence is being
deposited with the United States
Postal Service as first class mail
with sufficient postage in an
envelope addressed to the
Commissioner for Patents, P.O.
Box 1450, Alexandria, VA 22313-
1450 on June 22, 2004

Date

Michiko Siler
(person signing this certificate)

Michiko Siler
Signature

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

FIRST INFORMATION DISCLOSURE STATEMENT

Dear Sir:

Submitted herewith are nine (9) sheets of a modified Form PTO-1449. All of the documents listed on the modified Form PTO-1449 were provided or cited in the parent application of the above-captioned application. Accordingly, the documents are not enclosed herewith. (See 37 C.F.R. §1.98(d) and MPEP 609). Should the Examiner desire an additional copy of the documents, kindly contact the undersigned.

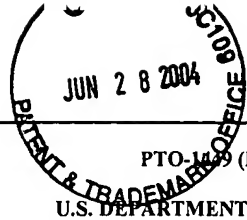
It is respectfully requested that the Examiner make his/her consideration of these references formally of record with the initial Office Action.

Respectfully submitted,

Neil Steinberg

Date: June 22, 2004

Neil Steinberg (650-968-8079)
Reg. No. 34,735



PTO-1489 (Modified) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT	ATTY. DOCKET NO. 100.002.6	SERIAL NUMBER 10/808,693
	APPLICANT(S) PRINCE	
	FILING DATE March 25, 2004	GROUP ART UNIT 3737

U.S. PATENT DOCUMENTS

EXAMINER INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE
	5,141,740	08/25/92	Rajagopalan et al.			
	5,167,232	12/01/92	Parker et al.			
	5,078,986	01/07/92	Bosworth et al.			
	5,055,288	10/08/91	Lewis et al.			
	5,034,694	07/23/91	Sattin et al.			
	5,011,686	04/30/91	Pang			
	5,010,191	04/23/91	Engelstad et al.			
	4,877,599	10/31/89	Lees			
	4,826,673	05/02/89	Dean et al.			

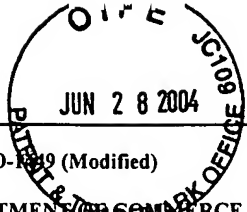
FOREIGN PATENT DOCUMENTS

EXAMINER INITIALS	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES/NO
	WO 94/28781	12/1994	PCT			

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	"Cerebrovascular Magnetic Resonance Angiography", Wesbey et al., J. Vascular Surgery 1992, vol.16, no.4, pp. 619-632
	"Volume MR Angiography: Methods to Achieve Very Short Echo Times", Schmalbrock et al., Radiology 1990, vol. 175, pp. 861-865
	"Three Dimension (Volume) Gradient-Echo Imaging of the Carotid Bifurcation: Preliminary Clinical Experience", Masaryk et al., Radiology 1989, vol. 171, pp. 801-806
	"Gadolinium-enhanced Magnitude Contrast MR Angiography of Popliteal and Tibial Arteries", Lossef et al., Radiology 1989, vol. 184, pp. 349-355
	AIIntracranial Circulation: Preliminary Clinical Results with Three-Dimensional (Volume) MR Angiography@, Masaryk et al., Radiology 1989, vol. 171, pp. 793-799
	AAbdominal Aorta and Renal Artery Stenosis: Evaluation with MR Angiography@, Kim, et al.,Radiology, vol. 174, pp. 727-731, March 1990
	AIIntracranial Vascular Lesions: Optimization and Clinical Evaluation of Three-Dimensional Time-of-Flight MR Angiography@, Marchal, et al., Radiology, vol. 175, pp. 443-448, May 1990
	ANormal Venous Anatomy of the Brain: Demonstration with Gadopentatate Dimeglumine in Enhanced 3-D MR Angiography@, Chakeres, et al., AJR, vol. 156, pp. 161-172, Jan. 1991

EXAMINER	DATE CONSIDERED
EXAMINER: Initial citation if reference was considered. Draw line through citation if not in conformance to MPEP 609 and not considered. Include copy of this form with next communication to applicant.	



PTO-1019 (Modified) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT	ATTY. DOCKET NO. 100.002.6	SERIAL NUMBER 10/808,693
	APPLICANT(S) Prince, Martin R.	
	FILING DATE March 25, 2004	GROUP ART UNIT 3737

U.S. PATENT DOCUMENTS

EXAMINER INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE
	4,822,594	04/18/89	Gibby			
	4,770,183	09/13/88	Groman et al.			
	4,718,424	01/12/88	Nishimura			
	4,006,736	02/08/77	Kranys et al.			
	3,973,554	08/10/76	Tipton			
	5,260,050	11/09/93	Ranney			
	4,777,957	10/18/88	Wehroli et al.			
	4,880,008	11/14/89	Lauffer			
	5,190,744	03/02/93	Rocklage et al.			

FOREIGN PATENT DOCUMENTS

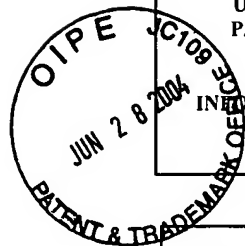
EXAMINER INITIALS	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES/NO	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	"Three-dimensional Time-of-Flight MR Angiography: Applications in the Abdomen and Thorax", Lewin, et al., Radiology, vol. 179, no. 1, pp. 261-264, April 1991
	"Safety of Gadolinium-DPTA: Extended Clinical Experience", Niendorf, et al., SMRM Workshop on Contrast Enhanced Magnetic Resonance, May 23-25, 1991
	"Fast Time-of-Flight MR Angiography with Improved Background Suppression", Edelman, et al, Radiology, vol. 179, pp. 867-870, June 1991
	"Assessment of Carotid Artery Stenosis by MR Angiography: Comparison with X-ray Angiography and Color Coded Doppler Ultrasound", Anderson, et al., AJNR, vol. 13, pp. 989-1003, May/June 1992
	"Gadolinium-enhanced High-Resolution MR Angiography with Adaptive Vessel Tracking: Preliminary Result in the Intracranial Circulation", Lin, et al, JMRI, vol. 2, pp. 277-284, May/June 1992
	"A Perspective on K-Space", Mezrich, Radiology 1995 (Annual Meeting, Nov.26-Dec. 1, 1995); Vol. 195, No. 2, pp.297-315
	"Experience with High-Dose Gadolinium MR Imaging in the Evaluation of Brain Metastases", Yuh, et al., AJNR, vol. 13, pp. 335-345, Jan/Feb 1992
	"Frequency Dependence of Tissue Relaxation Times", Bottomly, Relaxation/Relaxometry, 1987, pp. 1075-1086

EXAMINER	DATE CONSIDERED
EXAMINER: Initial citation if reference was considered. Draw line through citation if not in conformance to MPEP 609 and not considered. Include copy of this form with next communication to applicant.	

PTO-1449 (Modified) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT	ATTY. DOCKET NO. 100.002.6	SERIAL NUMBER 10/808,693
	APPLICANT(S) PRINCE	
	FILING DATE March 25, 2004	GROUP ART UNIT 3737



U.S. PATENT DOCUMENTS

EXAMINER INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE
	4,915,111	04/10/90	Sano et al.			
	4,585,008	04/29/86	Jarkewicz			
	4,585,941	04/29/86	Bergner			
	5,087,439	02/11/92	Quay			
	4,865,043	09/12/89	Shimoni			
	5,305,751	04/26/94	Chopp et al.			
	5,315,997	05/31/94	Widder et al.			
	4,597,754	07/01/86	Thill, et al.			
	4,202,333	05/13/90	Thill, et al.			
	4,298,000	11/03/81	Thill, et al.			
	4,430,079	02/07/84	Thill, et al.			

FOREIGN PATENT DOCUMENTS

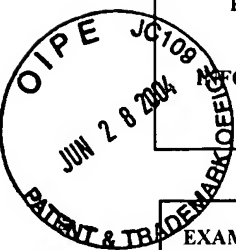
EXAMINER INITIALS	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES/NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	"Abdominal Aortography with Dynamic High-Dose Gadopentetate Dimeglumine", Prince, SMRM 12th Annual Meeting, August, 1993
	"Dynamic Gadolinium-Enhanced Three-dimensional Abdominal MR Arteriography", Prince et al., JMRI, Vol. 3, No. 6 November/December 1993, pp. 877-891
	"Gadolinium-enhanced MR Aortography", Prince, Radiology, Vol. 191, No. 1, Pages 155-164, April 1994
	"Optimizing Blood Vessel Contrast in Fast Three-Dimensional MRI", Haacke, et al., SMRM Workshop on MR Imaging of Blood Flow, March 13-14, 1989, pp. 202-221
	"Magnetic Resonance Angiography of the Thoracic Aorta", Prince, et al., Magnetic Resonance Angiography: A Practical Approach, McGraw-Hill, Incorporated, 1995, Chapter 10, pp.131-138
	"Contrast Enhancement in Abdominal CT: Bolus vs. Infusion", Burgener, et al., AJR, vol. 137, pp. 351-358, 1981
	"MRA Adds Value in Body Imaging", Prince, MR, vol. 5, number 3, pp. 29-31, Summer 1995

EXAMINER	DATE CONSIDERED
EXAMINER: Initial citation if reference was considered. Draw line through citation if not in conformance to MPEP 609 and not considered. Include copy of this form with next communication to applicant.	

PTO-1449 (Modified) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 100.002.6	SERIAL NUMBER 10/808,693
	APPLICANT(S) PRINCE	
	FILING DATE March 25, 2004	GROUP ART UNIT 3737



**INFORMATION DISCLOSURE STATEMENT
BY APPLICANT**

U.S. PATENT DOCUMENTS

EXAMINER INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE
	5,301,672	4/12/94	Kalender			
	5,423,315	6/13/95	Margosian et al.			
	5,398,686	3/21/95	Inoue et al.			
	5,204,629	4/20/93	Ueyama			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIALS	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES/NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	"3D-MR-Angiographie mit Gd-DTPA", Seiderer, et al., Fortschr. Rontgenstr., 152-153 (1990), pp. 327-332
	"Fast Magnetic Resonance Angiography Using Turbo-FLASH Sequences in Advanced Aortoiliac Disease", Sivananthan, et al., The British Journal of Radiology, vol. 66, no. 792, pp. 1103-1110, Dec. 1993
	"Contrast-Enhanced Magnetic Resonance Tomoangiography: A New Imaging Technique for Studying Thoracic Great Vessels", Revel, et al., Magnetic Resonance Imaging, vol. 11, pp. 1101-1105, Nov. 8, 1993
	"MR Imaging (Including MR Angiography) of Abdominal Aortic Aneurysms: Comparison with Conventional Angiography", Kaufman, et al., AJR, 163, pp. 203-210, July 1994
	"Gadolinium-Enhanced MR Aortography", Prince, Radiology, page 193, November 1994
	"Magnetic Resonance Angiography of the Renal and Visceral Arteries", Kaufman, et al., Magnetic Resonance Angiography: A Practical Approach, McGraw-Hill, Incorporated, 1995, Chapter 12, pp.161-170
	"Gadolinium-Enhanced Magnetic Resonance Angiography of Abdominal Aortic Aneurysms", Prince, et al., Journal of Vascular Surgery, vol. 21, no. 4, pp. 656-669, April 1995
	"Breath-Hold Gadolinium-Enhanced MR Angiography of the Abdominal Aorta and its Major Branches", Prince, et al., Radiology, vol. 197, no. 3, pp. 785-792, Dec. 1995
	"Gadolinium Enhanced MR Imaging of Vascular Stents", Matsumoto et al., Journal of Computer Assisted Tomography, vol. 14, no. 3, pp. 357-361, May/June 1990
	Magnetic Resonance Angiography, Concepts & Applications, Potchen et al., chapter 16, "Magnetopharmaceuticals as contrasts agents", Marchal et al., pp. 305-322, 1993
	"Evaluation of Renal Artery Stenosis with Dynamic Gadolinium-Enhanced MR Angiography: Work in Progress", Rieumont, et al., Radiology, page 193, Nov. 1994

EXAMINER	DATE CONSIDERED
EXAMINER: Initial citation if reference was considered. Draw line through citation if not in conformance to MPEP 609 and not considered. Include copy of this form with next communication to applicant.	

PTO-1449 (Modified) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT	ATTY. DOCKET NO. 100.002.6	SERIAL NUMBER 10/808,693
	APPLICANT(S) PRINCE	
	FILING DATE March 25, 2004	GROUP ART UNIT 3737

U.S. PATENT DOCUMENTS

EXAMINER INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE
	6,311,085	10/30/01	Prince			
	6,240,311	5/29/01	Prince			
	5,924,987	7/20/99	Prince			
	5,762,065	6/9/98	Prince			
	5,746,208	5/5/98	Prince			
	5,590,654	1/7/97	Prince			
	5,579,767	12/3/96	Prince			
	5,553,619	1/10/96	Prince			
	5,417,213	5/23/95	Prince			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIALS	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES/NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	"An Extended-Length Coil Design for Peripheral MR Angiography", Rajan et al, Magnetic Resonance Imaging, Vol 9, No. 4, pp. 493-495, 1991
	"Fast MRI with turbo-FLASH Sequences in Aortoiliac Disease", Sivanathan et al., The Lancet, Vol. 338, pp. 1090-1091, October 26, 1991
	"The Use of Contrast-Enhanced TurboFLASH Sequences in Aorto-Iliac Disease and Their Comparison with Conventional Angiography", Sivanathan et al., SMRM 1992, Berlin, p. 3108
	"Preliminary Study of Pulmonary Three-Dimensional Time of Flight MR Angiography with Breath-Holding Using a Contrast Medium", Isoda et al., Radiation Medicine, Vol. 11, No. 5, September-October 1993, pp. 191-195
	"Fast Three-Dimensional Time-of-Flight MR Angiography with Timed Injection of Contrast Material", Kanal et al., Radiology 1991; Vol. 181(P), 119 (abstract 169C).
	"Fast Three-Dimensional Time-of-Flight MR Angiography with Contrast Bolus Injection", Talagala et al., SMRI 1992, paper #332.
	"Fast RF-spoiled Three-dimensional MR Angiography of Intracranial Vasculature in Scan Times under 1 minute", Talagala et al., Book of Abstracts, SMRM 1991, page 1021.
	"Normal Abdominal Enhancement Patterns with Dynamic Gadolinium-enhanced MR Imaging, Radiology", Mirowitz et al., vol. 180, No. 3, 1991, pp. 637-640

EXAMINER	DATE CONSIDERED
EXAMINER: Initial citation if reference was considered. Draw line through citation if not in conformance to MPEP 609 and not considered. Include copy of this form with next communication to applicant.	

PTO-1449 (Modified) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT	ATTY. DOCKET NO. 100.002.6	SERIAL NUMBER 10/808,693
	APPLICANT(S) PRINCE	
	FILING DATE March 25, 2004	GROUP ART UNIT 3737

U.S. PATENT DOCUMENTS

EXAMINER INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE
	5,833,607	11/10/98	Chou et al.			
	5,768,336	6/16/98	Khutoryansky et al.			
	5,684,398	11/4/97	Takiguchi et al.			
	5,808,468	9/15/98	Bis et al.			
	5,928,148	7/1999	Wang et al.			
	5,873,825	2/1999	Mistretta et al.			
	5,692,508	12/1997	Simonetti et al.			

FOREIGN PATENT DOCUMENTS

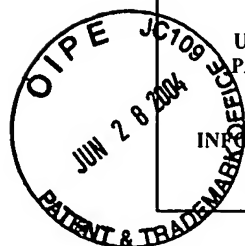
EXAMINER INITIALS	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES/NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	"Gadolinium Optimized Tracking Technique: A new MRA Technique for Imaging the Peripheral Vascular Tree from the Aorta to the Foot Using One Bolus of Gadolinium", Ho et al., Proceedings of SMRM, April 12-18, 1997, Vol. 1, p. 203
	"Fluoroscopically-Triggered Contrast-Enhanced Three Dimensional MR Angiography", Wilman et al., Proceedings of SMRM, April 12-18, 1997, Vol. 1, p. 202
	"Moving Bed Infusion Tracking: A New MR Angiographic Technique for Imaging the Peripheral Arteries", Ho et al., Radiology, 1997, Vol. 205, December RSNA 1997, p. 301 (abstract 678)
	"Bolus Chase Gadolinium-enhanced MRA of the Aorta and Lower Limb Vessels with a 'Stepping Table': Comparison with Catheter Arteriography", Meaney et al., Radiology, 1997, Vol. 205, December RSNA 1997, p. 462(abstract 1356)
	"Bolus Chase Gadolinium-enhanced MRA of the Aorta and Lower Extremity Arteries: Technique, Interpretation and Correlation with Arteriography", Meaney et al., Radiology, 1997, Vol. 205, December RSNA 1997, p. 559(Space 0051VI)
	"Bolus Triggered Hepatic Helical CT", Laakso et al., American Journal of Roentgenology, March Supplement 1995, p. 116 (abstract 224)
	"Bolus Triggered CT Angiography - First Clinical Results", Kopka et al., American Journal of Roentgenology, March Supplement 1995, p. 132 (abstract 271)
	"Smartprep: A Technique for Improving Hepatic Imaging with Helical CT", Silverman et al., Radiology Supplement, November 1994, p. 165 (abstract 260C)

EXAMINER	DATE CONSIDERED
EXAMINER: Initial citation if reference was considered. Draw line through citation if not in conformance to MPEP 609 and not considered. Include copy of this form with next communication to applicant.	

PTO-1449 (Modified) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT	ATTY. DOCKET NO. 100.002.6	SERIAL NUMBER 10/808,693
	APPLICANT(S) PRINCE	
	FILING DATE March 25, 2004	GROUP ART UNIT 3737



U.S. PATENT DOCUMENTS

EXAMINER INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE

FOREIGN PATENT DOCUMENTS

EXAMINER INITIALS	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES/NO	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	"Breath-Hold, Contrast-Enhanced, Three-dimensional MR Angiography", Leung et al., Radiology, RSNA August 1996, pp. 569-571
	"Three-dimensional Contrast-Enhanced MR Angiography", Jeffrey H. Maki, Thomas L. Chenevert, and Martin R. Prince, Topics in Magnetic Resonance Imaging, Vol. 8, No. 6, pages 322-344 (December 1996)
	"Peripheral MRA Inches Toward Mainstream Use", Hassaun Jones-Bey, Diagnostic Imaging pp 51 and 55-56, June 1996
	"Magnetic Resonance Imaging", Stark et al., Vol. 2, second edition, pp. 1518- 1520 and 1854-1859 (Chpt. 52)
	Bolus-Enhanced Fast – 3D – TOF MR Angiography of Peripheral Vascular Occlusive Disease, Thurnher et al., Proceedings of the ISMRM, April 27-May 3, 1996, Vol. 2, page 733

EXAMINER	DATE CONSIDERED
EXAMINER: Initial citation if reference was considered. Draw line through citation if not in conformance to MPEP 609 and not considered. Include copy of this form with next communication to applicant.	



PTO-1449 (Modified) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT	ATTY. DOCKET NO. 100.002.6	SERIAL NUMBER 10/808,693
	APPLICANT(S) Prince	
	FILING DATE March 25, 2004	GROUP ART UNIT 3737

U.S. PATENT DOCUMENTS

EXAMINER INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE
	5,799,649	1/1997	Prince			
	6,230,041	5/2000	Prince			
	6,243,600	6/2000	Prince			
	6,278,892	8/2000	Prince			
	5,792,056	8/1998	Prince			
	5,494,036	11/1993	Uber, III et al.			
	5,341,099	3/1993	Suzuki			
	5,522,390	6/1996	Tuithof et al.			
	5,516,863	2/1994	Damadian			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIALS	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES/NO
	EP 0 543 468	5/1993	European			

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	"Breath-Held 3D Gadolinium-Enhanced Renal Artery MRA", Prince et al., Proceedings of SMR, August 1995
	"Measuring Signal Intensity Curves in Both Blood and Tissue During Contrast Agent Administration using a Novel Rapid Interleaved Method", Taylor et al., SMRM August 1993, p.474
	"Clinical Evaluation of Pulmonary 3D Time-of-Flight MRA with Breath-Holding Using a Contrast Media", Isoda et al., Journal Computer Assisted Tomography, 19(6):911-919, November-December 1995
	"Gd-DTPA Enhanced Multi-slab 3D MR Angiography of Aorto-iliac Arteries", Amanuma et al., SMRM, August 1993, p.524
	"Three-dimensional MR Angiography (3D-MRA) of Aortic Diseases with Bolus Administration of Contrast Media in a Single Breath-hold", Togami et al., SMRM, August 1994, p.969

EXAMINER	DATE CONSIDERED
EXAMINER: Initial citation if reference was considered. Draw line through citation if not in conformance to MPEP 609 and not considered. Include copy of this form with next communication to applicant.	

PT 8-1449 (Modified) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT	ATTY. DOCKET NO. 100.002.6	SERIAL NUMBER 10/808,693
	APPLICANT(S) Prince	
	FILING DATE March 25, 2004	GROUP ART UNIT 3737

U.S. PATENT DOCUMENTS

EXAMINER INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE
	5,287,273	8/1989	Kupfer et al.			
	5,111,492	5/1992	Klausz			
	5,243,284	9/1993	Noll			
	5,451,211	9/1995	Neer et al.			
	5,472,403	12/1995	Cornacchia et al.			
	5,236,417	8/1993	Wallis			
	5,515,851	5/1996	Goldstein			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIALS	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES/NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	"Dynamic Three-dimensional Imaging with Partial K-Space Sampling: Initial Application for Gadolinium-enhanced Rate Characterization of Breast Lesions", Chenevert et al., Radiology, vol. 196, no. 1, 1995, p.135-142
	"Clinical application of pulmonary 3 dimensional time-of-flight MR angiography with breath-holding using a contrast medium", Isoda, et al., Society of Magnetic Resonance in Medicine, 11th Annual Scientific Meeting, Aug 8-14, 1992, Berlin, Germany, Works in Progress, p.3119, XP002111479
	"The arterial concentration of Gd-DTPA can be monitored non-invasively", Sondergaard, et al., Society of Magnetic Resonance in Medicine, 11th Annual Scientific Meeting, Aug 8-14, 1992, Berlin, Germany, Book of Abstracts, v.1, p.1120, XP002111480
	"Fast-scan magnetic resonance: Principles and applications", Wehrli, Magnetic Resonance Quarterly, v.6, no.3, 1990, p.165-236, XP002111477
	"A Rapid Interleaved Method for Measuring Signal Intensity Curves in both Blood and Tissue during Contrast Agent Administration, Taylor et al., Magnetic Resonance in Medicine, 30, 1993, pp.744-749
	Dixon, "Simple Proton Spectroscopic Imaging", Radiology, November 25, 1984, pp. 189-194

EXAMINER	DATE CONSIDERED
EXAMINER: Initial citation if reference was considered. Draw line through citation if not in conformance to MPEP 609 and not considered. Include copy of this form with next communication to applicant.	